	Application/Control No.	Applicant(s)/Patent Under Reexamination
Notice of References Cited	09/220,614	RISING, HAWLEY K.
	Examiner	Art Unit	
	Thuy Pardo	2175 2165	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5,963,956	10-1999	Smartt	707/104
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
*	U	Petrakis, "Similarity Searching in Medical Image Databases", IEEE, 1997, pp. 435-447
*	V	Rehrauer et al., "Multiscale Markov Random Fields for Large Image Datasets Representation", IEEE, 1997, pp. 255-257
*	W	Yang et al., "MB+-Tree: A New Index Structure for Multimedia Databases", IEEE, 1995, pp. 151-158
*	X	Hou et al., "Medical Image Retrieval by Spatial Features", IEEE, 1992, pp. 1364-1369

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
PTO-892 (Rev. 01-2001)   **Notice of References Cited**   Part of Paper No. 17

10/28/05

Notice of References Cited		Application/Control No. 09/220,614	Applicant(s)/Patent Under Reexamination RISING, HAWLEY K.	
		Examiner Thuy Pardo	Art Unit 2175 2165	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
TP	A	US-5,710,916	01-1998	Barbara et al.	709/9
TP	B	US-5,832,182	11-1998	Zhang et al.	706/50
TP	C	US-6,148,295	11-2000	Megiddo et al.	707/3
TP	D	US-6,161,105	12-2000	Keighan et al.	707/100
TP	E	US-6,263,334	07-2001	Fayyad et al.	707/5
TP	F	US-6,289,354	09-2001	Aggarwal et al.	707/104
TP	G	US-6,446,068	09-2002	Kortge	707/6
TP	H	US-6,047,080	04-2000	Chen et al.	382/128
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

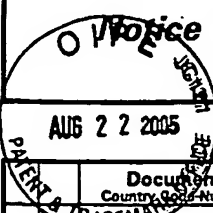| *		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
TP	U	Agrawal et al., "Modeling Multidimensional Databases", IEEE, 1997, pp. 232-243
TP	V	Kao et al., "Efficient Proximity Search in Multivariate Data", IEEE, July 1998, pp. 145-154
TP	W	Piamsa-nga et al., "A Parallel Model for Multimedia Database on Cluster System", IEEE, July 1998, pp. 648-652
TP	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
PTO-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 11

10/28/05

	Notice of References Cited		Applicant/Patent Rising III		Application/Control No. 09/220,614		
			Examiner Thuy Pardo		Art Unit 2173165	Page 1 of 1	

U.S. PATENT DOCUMENTS

		Document Number Country Code-Number-Kind Code	Date MM-YYYY[1]	Name	Classification[2]	
TP	A	4,719,571	1/1988	Rissanen et al.	707	101
TP	B	5,553,304	9/1996	Lipner et al.	707	100
TP	C	5,857,169	1/1999	Seide	704	256
TP	D	5,912,989	6/1999	Watanabe	382	228
TP	E	5,974,407	10/1999	Sacks	707	2
TP	F	5,987,468	11/1999	Singh et al.	707	100
TP	G	6,088,035	7/2000	Sudarsky et al.	345	421
TP	H	6,102,969	8/2000	Christianson et al.	717	8
TP	I	6,233,575	5/2001	Agrawal et al.	707	6
TP	J	6,279,007	8/2001	Uppala	707	101
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY[1]	Country	Name	Classification[2]	
N						
O						
P						
Q						
R						
S						
T						

NON-PATENT DOCUMENTS

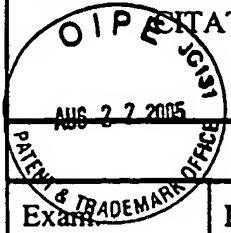|	Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
U	
V	
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X	

* A copy of this reference is not being furnished with this Office action. See MPEP § 707.05(a).　　[1] Dates in MM-YYYY format are publication dates.　　[2] Classifications may be U.S. or foreign.
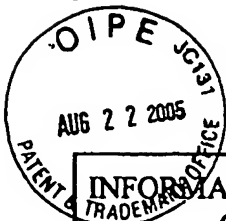
Thuy Pardo　　　　10/28/05

U. S. PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Name	Class	Filing Date

FOREIGN PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Country	Class	Translation

OTHER DOCUMENTS/CITATIONS

TP	Berchtold, S., D. Keim, and H.-P, Kriegel. "The X-tree: An Index Structure for High Dimensional Data." Proc. 22nd VLDB Conference, Mumbai (Bombay), India, 1996.
TP	Berchtold, S., C. Bohm, and H.-P. Kriegel. "The Pyramid Technique: Towards Breaking the Curse of Dimensionality." Proc. Int. Conf. On Management of Data, ACM SIGMOD, Seattle, Washington, 1998.
TP	Bezdek, J.C., R. Chandrasekar, and Y.A. Attikiouzel. "A new fuzzy model for edge detection." SPIE Proc. {2761, *Applications of Fuzzy Logic Technology III* B. Bosacchi and J. Bezdek, eds, 11-28, 1996.
TP	Boothby, William M. "An Introduction to Differentiable Manifolds and Riemannian Geometry." New York: Academic Press, 1975.
TP	Borg, I. And P. Groenen. Modern Multidimensional Scaling, Theory and Applications. New York: Springer-Verlag, 1997.
TP	Bourgain, J. "On Lipschitz Embedding of Finite Metric Spaces in Hilbert Space." Israel J. of Math, v. 52, nos. 1-2, 1985, pp. 46-52.
TP	Cutzu, F. and S. Edelman. "Representation of object similarity in human vision: psychophysics and a computational model." *Vision Research* 38(15/16), 1998, pp. 2229-2257.
TP	Darling, R.W.R. "Differential Forms and Connections." New York: Cambridge University Press, 1994.
TP	Edelman, S. "Representation is Representation of Similarities." *Behavior and Brain Science*, to be published, 1997 draft.
TP	Edelman, S. "Representation, Similarity, and the Chorus of Prototypes." *Minds and Machines*, v. 5, 1995, pp. 45-68.
TP	Faloutsos, C. and K.-I. Lin. "FastMap: A Fast Algorithm for Indexing, Data-Mining and Visualization of Traditional and Multimedia Datasets". SIGMOD 1995, pp. 163-174.

TP	Fetter, A.L. and J.D. Walecka. *Theoretical Mechanics of Particles and Continua*. New York: McGraw-Hill, 1980.
TP	Guy, G. and G. Medioni. "Inferring Global Perceptual Contours from Local Features." *Int. J Comp Vision* 20(1/2), 113-133, 1996.
TP	Lindman, H. and T. Caelli. Constant Curvature Riemannian Scaling. J. Math Psych., vol. 17, 1978, pp. 89-109.
TP	Linial, N., E. London, and Y. Rabinovich. "The geometry of graphs and some of its algorithmic applications." Combinatorica, v. 15, 1995, pp. 215-245.
TP	Kawakami, Susumu, and Hiroaki Okamoto. "A Cell Model for the Detection of Local Image Motion on the Magnocellular Pathway of the Visual Cortex." *Vision Research*, 36(1), 117-147, 1996.
TP	Kohonen, T. *Self-Organizing Maps*, 2nd ed. New York: Springer-Verlag, 1997.
TP	Kosko, B. *Neural Networks and Fuzzy Systems*. Englewood Cliffs, N. J.: Prentice-Hall, 1992.
TP	Rising, H.K. "Deriving and Combining Biologically Plausible Visual Processes with the Windowed Radon Transform. *Human Vision and Electronic Imaging IV*, B. Rogowitz and T. Pappas, eds. San Jose, CA, Proc SPIE 3299, 1998.
TP	Rising, H.K. "Generalizing a fuzzy edge detection model with Radon transforms." unpublished. (Accepted for *IEEE FUZZ '98*, withdrawn because of non-attendance).
TP	Rogowitz, B.E., T. Frese, J.R. Smith, C. Bouman, and E. Kalin. "Perceptual Image Similarity Experiments." *Human Vision and Electronic Imaging IV*, B. Rogowitz and T. Pappas, eds. San Jose, CA, Proc SPIE 3299, 1998.
TP	Rubner, Y., C. Tomasi, and L.J. Guibas. "A Metric for Distributions with Applications to Image Databases." *Proc IEEE ICCV*, Bombay, India, 1998.
TP	Takagi, T. and M. Sugeno, "Fuzzy Identification of Systems and Its Applications to Modeling and Control." *IEEE Trans. SMC* 15(1) pp. 116-132, 1985.
TP	Tanaka, K. "Inferotemporal Cortex and Object Recognition." in *Vision and Movement: Mechanisms in the Cerebral Cortex*. Workshop II of the HFSP, R. Caminiti, K.-P. Hoffman, F. Lacquaniti, and J. Altman, eds, Strassbourg, France, 1996, pp. 126-133.
TP	Tipping, M.E. "Topographic Mappings and Feed-Forward Neural Networks." Ph.D. Thesis, University of Aston in Birmingham, February 1996.
TP	Tsotsos, J.K. "Analyzing Vision at the complexity level." *Behavior and Brain Science*, 13(3), pp. 423-469, 1990.
TP	Tversky, A. "Features of Similarity." *Psychological Review*, v. 84, no. 4, 1977, pp. 327-352.

EXAMINER: *Thuesj Pardo*	DATE CONSIDERED: 10/28/05

INFORMATION DISCLOSURE CITATION	Docket No.: 50M3007 Sheet 1 of 1
	Serial No. : ~~09/220,614~~ 10/735,162 2165
	Filing Date: December 24, 1998 Group: ~~Unknown~~
	Applicant: Hawley K. Rising, III

U. S. PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Name	Class	Filing Date
TP	5,193,185	03/09/93	Lanter	395/600	05/15/89
TP	5,442,784	08/15/95	Powers et al.	395/600	06/17/93
TP	5,574,835	11/12/96	Duluk, Jr. et al.	395/121	11/02/95
TP	5,832,494	11/03/98	Egger et al.	707/102	05/17/96
TP	5,978,794	11/02/99	Agrawal et al.	707/3	04/09/96

FOREIGN PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Country	Class	Translation

OTHER DOCUMENTS/CITATIONS

EXAMINER: *Theny Pardo*	DATE CONSIDERED: 10/28/05